

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all previous versions, and listings, of claims in the Application.

Listing of Claims

Please amend the Claims as follows:

1. (Currently Amended) A locking door assembly comprising;
a door member mounted to a door frame and moveable between at least an open and closed position;
a lock assembly having a central lock member positioned in the door member, and at least one a first actuator member and a second actuator member, each connected to the central lock member and moveable along an axis of extension between a first position and second position, wherein operation of the lock member moves the first and second actuators in opposite directions;
an a first extension bolt and a second extension bolt, each having an elongated body extending along an extension bolt axis, and the first extension bolt having a proximal end connected to the first actuator member and a distal end with a projection configured to mate with a first receiver on the door frame for locking the door in position, the second extension bolt having a proximal end connected to the second actuator member and a distal end with a projection configured to mate with a second receiver on the door frame for locking the door in position, said connection of the wherein the first and second actuators are connected to the first and second extension bolt, respectively, by including an intermediate portion with a length extending generally transverse to said extension bolt axis and defining an extent of separation of the each extension bolt axis from the each actuator axis and at least an extent of the each extension bolt passing through an interior portion of the door member; and,

wherein ~~the~~ each intermediate portion comprises an adaptor having a first end with a projection configured for mating connection to the respective actuator, and a second end with threading configured for mating securement with the respective extension bolt.

2. (Currently Amended) The assembly of Claim 1 wherein, the adaptor includes a body length located between the respective actuator and the respective extension bolt, said body length defining a separation distance between the respective actuator axis of extension and the respective extension bolt axis.

3-4. (Canceled)

5. (Currently Amended) The assembly of Claim 2 wherein the length of ~~the~~ each adaptor body is a fixed length.

6. (Currently Amended) The assembly of Claim 5 wherein the length of ~~the~~ each adaptor body is approximately $\frac{1}{2}$ inch.

7. (Currently Amended) The assembly of Claim 5 wherein ~~the~~ each adaptor body length is between $\frac{1}{4}$ inch and $\frac{3}{4}$ inch.

8-35. (Canceled)

36. (Previously Presented) A method of assembling a locking door assembly, comprising the steps of:

providing a door member mounted to a door frame and moveable between at least an open position and a closed position;

providing a lock assembly having a central lock member positioned in the door member and an actuator member connected to the central lock member and moveable along an axis of extension between a first position and a second position; and

selecting between installing the lock assembly in a first configuration and installing the lock assembly in a second configuration, wherein installing the lock assembly in the first configuration comprises the step of directly connecting to the actuator member a first extension bolt extending along a first bolt axis such that the axis of extension of the actuator is in alignment with the first bolt axis, and installing the lock assembly in the second configuration comprises the steps of connecting an adaptor member to the actuator member, and connecting the adaptor member to a second extension bolt extending along a second bolt axis, the adaptor member spacing the axis of extension of the actuator a distance away from the second bolt axis.

37. (Previously Presented) A door assembly comprising:

a door mounted within a door frame, wherein the door includes a lock edge and an interior portion spaced from the lock edge and having a channel within the interior portion, the channel extending from adjacent the door frame to proximate a central lock unit;

the central lock unit having a housing mounted within the door, a movable actuator member having a first portion located within the housing and a second portion extending out of the housing adjacent the lock edge, and an internal mechanism contained within the housing and operably connected to the actuator member to move the actuator member along an axis of movement between an extended position and a retracted position;

an extension bolt having an elongated body extending along an extension bolt axis, the extension bolt extending through the channel between the door frame; and

an adaptor having a body portion residing between a first end and a second end, the first end of the adaptor directly connected to the actuator member, and the second end of the adaptor directly connected to the extension bolt, wherein the body portion has a length extending generally transverse to the extension bolt axis to displace the extension bolt axis a distance away from the actuator axis.

38. (New) A kit for assembling an adaptable door lock assembly for installation in a door for locking the door to a door frame, the kit comprising:

a central lock unit adapted to be installed in the door, the lock unit having a movable actuator member with an axis of movement between an extended position and a retracted position;

a first extension bolt and a second extension bolt alternately connectable to the actuator; and

an adaptor body having a first end and a second end separated by a length, the first end being connectable to the second extension bolt,

wherein the first extension bolt is connectable to the actuator such that when the lock assembly is installed in the door, the first extension bolt extends along a first bolt axis in substantial alignment with the axis of movement of the actuator, and

wherein the second extension bolt is connectable to the actuator by connecting the second extension bolt to the first end of the adaptor body and connecting the second end of the adaptor body to the actuator, such that when the lock assembly is installed in the door, the second extension bolt extends along a second bolt axis, the adaptor body spacing the second bolt axis a distance away from the axis of movement of the actuator, the length of the adaptor body defining the distance the second bolt axis is spaced from the axis of the actuator.

39. (New) The kit of Claim 38, further comprising a handle that is connectable to the central lock unit to adjust the central lock unit between the extended position and the retracted position.

40. (New) The kit of Claim 38, wherein the central lock unit further comprises a second movable actuator member with an axis of movement between an extended position and a retracted position, the kit further comprising:

a third extension bolt and a fourth extension bolt alternately connectable to the second actuator; and

a second adaptor body having a first end and a second end separated by a length, the first end being connectable to the fourth extension bolt,

wherein the third extension bolt is connectable to the second actuator such that when the lock assembly is installed in the door, the third extension bolt extends along a third bolt axis in substantial alignment with the axis of movement of the second actuator, and

wherein the fourth extension bolt is connectable to the second actuator by connecting the fourth extension bolt to the first end of the second adaptor body and connecting the second end of the second adaptor body to the second actuator, such that when the lock assembly is installed in the door, the fourth extension bolt extends along a fourth bolt axis, the adaptor body spacing the fourth bolt axis a distance away from the axis of movement of the second actuator, the length of the second adaptor body defining the distance the fourth bolt axis is spaced from the axis of the second actuator.

41. (New) The kit of Claim 38, wherein the adaptor is connectable to the actuator by mating connection of a projection with a recess.

42. (New) The kit of Claim 38, wherein the adaptor is connectable to the second extension bolt by mating connection of a projection with a receiver.

43. (New) The kit of Claim 42 wherein the adaptor is connectable to the extension bolt by insertion of the projection into the receiver in threaded arrangement.

44. (New) The kit of Claim 38, wherein the central lock unit further comprises a housing adapted to be installed within the door, the actuator having a first portion located within the housing and a second portion extending out of the housing, and an internal mechanism contained within the housing and operably connected to the actuator to move the actuator along the axis of movement.

45. (New) The kit of Claim 38 wherein the central lock unit has an exposed side adapted to be positioned along an edge of the door when the central lock unit is installed in the door, the actuator member located adjacent said exposed side.
46. (New) The kit of Claim 45 wherein the first extension bolt is connectable to the adaptor such that the first extension bolt is adjacent the exposed side of the lock.
47. (New) The kit of Claim 45 wherein the second extension bolt is connectable to the adaptor such that the second extension bolt axis resides a distance away from the exposed side of the lock, and said second bolt axis is adapted to pass through an interior portion of the door.
48. (New) An adaptable door lock assembly for a multi-point locking arrangement of a door to a door frame, comprising a central lock unit having a moveable actuator member with an axis of movement between an extended position and a retracted position, and a first extension bolt connectable to the actuator member in a first configuration wherein the first extension bolt extends along a first bolt axis that is in substantial alignment with the axis of movement of the actuator, the improvement comprising:
- a second extension bolt connectable to the actuator member by an adaptor in a second configuration, wherein the second extension bolt extends along a second bolt axis, the adaptor spacing the axis of the actuator a distance away from the second bolt axis, the adaptor body having a length defining the distance said actuator axis is positioned away from the second bolt axis,
 - wherein the first extension bolt and the second extension bolt are selectably and alternately connectable to the actuator in the first and second configurations, respectively.